PTFE Coated Pneumatic Actuator and Special Versions

New

This coating can be applied to carbon or stainless steel, brass, or aluminum. The surface is first sandblasted with aluminum oxide and cleaned with several cleaning agents that prepare the surface for the coating. The coating is then applied by spray technique to maximum of 40 microns thickness on all surfaces. Multiple coats are not necessary. The actuators are then passed through curing ovens at a temperature of 210°C for 10 minutes.

Pneumatic Actuators. The coating is said to resist the following:
- Salt water to 4,000 hours submerged
- Solvents and fuels
- Acids and bases with norminal to low contact time
- Temperature to 180°C Dry

The applications for the coated actuator include off-shore, petro-chemical and industrial plants. It is an ideal substitute for stainless steel actuators where chloric acid, chlorine and other aggressive medias may be present. Also a compliment to thermo plastic valves where the actuator cannot withstand the duty or where oxidation is a problem. Pressure washing in areas with extremely high or low pH cleansers is not recommended.

Actuator Size	32	52	63	75	85	100	115	125	140	160	200	270
Double Adjustment Kit												
DA	-	-	-	-	-	-	-	-	-	**80DA2579**	**80DA2521**	**80DA2577**
SR	-	-	-	-	-	-	-	-	-	**80SR2579**	**80SR2521**	**80SR2577**
High Temperature												
DA	**80DA0407**	**80DA0410**	**80DA0412**	**80DA0475**	**80DA0414**	**80DA0418**	**80DA0470**	**80DA0419**	**80DA0420**	**80DA0479**	**80DA0421**	**80DA0477**
SR	-	**80SR0410**	**80SR0412**	**80SR0475**	**80SR0414**	**80SR0418**	**80SR0470**	**80SR0419**	**80SR0420**	**80SR0479**	**80SR0421**	**80SR0477**
Low Temperature -40°C												
DA	-	**80DA1210**	**80DA1212**	**80DA1275**	**80DA1214**	**80DA1218**	**80DA1270**	**80DA1219**	**80DA1220**	**80DA1279**	**80DA1221**	**80DA1277**
SR	-	**80SR1210**	**80SR1212**	**80SR1275**	**80SR1214**	**80SR1218**	**80SR1270**	**80SR1219**	**80SR1220**	**80SR1279**	**80SR1221**	**80SR1277**
Pinion with Oval Connection												
DA	**80DA0507**	**80DA0510**	**80DA0512**	**80DA0575**	**80DA0514**	**80DA0518**	**80DA0570**	**80DA0519**	**80DA0520**	**80DA0579**	**80DA0521**	**80DA0577**
SR	-	**80SR0510**	**80SR0512**	**80SR0575**	**80SR0514**	**80SR0518**	**80SR0570**	**80SR0519**	**80SR0520**	**80SR0579**	**80SR0521**	**80SR0577**
Pinion Stainless Steel 303												
DA	**80DA0907**	**80DA0910**	**80DA0912**	**80DA0975**	**80DA0914**	**80DA0918**	**80DA0970**	**80DA0919**	**80DA0920**	**80DA0979**	**80DA0921**	**80DA0977**
SR	-	**80SR0910**	**80SR0912**	**80SR0975**	**80SR0914**	**80SR0918**	**80SR0970**	**80SR0919**	**80SR0920**	**80SR0979**	**80SR0921**	**80SR0977**
Drilling ISO 5211 F04												
DA	-	**80DA0610**	-	-	-	-	-	-	-	-	-	-
SR	-	**80SR0610**	-	-	-	-	-	-	-	-	-	-
Nickle Plated Actuator												
DA	**80DA1007**	**80DA1010**	**80DA1012**	**80DA1075**	**80DA1014**	**80DA1018**	**80DA1070**	**80DA1019**	**80DA1020**	**80DA1079**	**80DA1021**	**80DA1077**
SR	-	**80SR1010**	**80SR1012**	**80SR1075**	**80SR1014**	**80SR1018**	**80SR1070**	**80SR1019**	**80SR1020**	**80SR1079**	**80SR1021**	**80SR1077**
Painted Actuator												
DA	**80DA1107**	**80DA1110**	**80DA1112**	**80DA1175**	**80DA1114**	**80DA1118**	**80DA1170**	**80DA1119**	**80DA1120**	**80DA1179**	**80DA1121**	**80DA1177**
SR	-	**80SR1110**	**80SR1112**	**80SR1175**	**80SR1114**	**80SR1118**	**80SR1170**	**80SR1119**	**80SR1120**	**80SR1179**	**80SR1121**	**80SR1177**
PTFE Coated Actuator												
DA	**80DAB607**	**80DAB610**	**80DAB612**	**80DAB675**	**80DAB614**	**80DAB618**	**80DAB670**	**80DAB619**	**80DAB620**	**80DAB679**	**80DAB621**	**80DAB677**
SR	-	**80SRB610**	**80SRB612**	**80SRB675**	**80SRB614**	**80SRB618**	**80SRB670**	**80SRB619**	**80SRB620**	**80SRB679**	**80SRB621**	**80SRB677**

For technical advice contact the Bonomi sales office.